

ABSTRACT:

An electric lamp which is provided with an electric light source in a light-transmitting bulb provided with a coating comprising an inorganic colored pigment selected from the group formed by oxide nitride pigments of the general formula

5 $A_{1-x}A_xBO_{2-x}N_{1+x}$, wherein A = Mg, Ca, Sr, Ba, Zn, A' = Ln, Bi, Al, Fe, B = V, Nb, Ta, Mo, W and B' = Ti, Zr, Hf, Sn, Ge, Si, Nb, Ta and $0 < x < 1$

or an oxide-nitride pigment of the general formula

AB_{1-x}B_xBO_{1+x}N_{2-x}, wherein A = Mg, Ca, Sr, Ba, Zn, A' = Ln, Bi, Al, Fe, B = V, Nb, Ta, Mo, W and B' = Ti, Zr, Hf, Sn, Ge, Si, Nb, Ta and $0 < x < 1$

or an oxide-nitride pigment of the general formula

10 A_yA_{2-y}B₂O_{5+y}N_{2-y}, wherein A = Mg, Ca, Sr, Ba, Zn, A' = Ln, Bi, Al, Fe, B = V, Nb, Ta, Mo, W and B' = Ti, Zr, Hf, Sn, Ge, Si, Nb, Ta and $0 < y < 2$

or an oxide-nitride pigment of the general formula

A₂B_{2-y}B_yO_{5+y}N_{2-y}, wherein A = Mg, Ca, Sr, Ba, Zn, A' = Ln, Bi, Al, Fe, B = V, Nb, Ta, Mo, W and B' = Ti, Zr, Hf, Sn, Ge, Si, Nb, Ta and $0 < y < 2$

15 or an oxide-nitride pigment of the general formula

CD_{2-m}D_mO_{4-m}N_m, wherein C = Mg, Ca, Mn, Fe, Co, Ni, Zn and D = Al, Ga, In, Ti, V, Cr, Fe, Co, Ni and D' = Ti, Zr, HF, Sn, Ge, Si, Nb, Ta, and $0 < m < 2$

or an oxide-nitride pigment of the general formula

18 C_{1-n}C_nD₂O_{4-n}N_n, wherein C = Mg, Ca, Mn, Fe, Co, Ni, Zn, C' = Al, Ga, In, Ti, V, Cr, Fe, Co, Ni, D = Al, Ga, In, Ti, V, Cr, Fe, Co, Ni and $0 < n < 2$

or an oxide-nitride pigment of the general formula

A₂CBO₅N, wherein A' = Ln, Bi, Al, Fe, C = Mg, Ca, Mn, Fe, Co, Ni, Zn, B = V, Nb, Ta, Mo, W

or an oxide-nitride pigment of the general formula

25 A₂A"BO₄N₂, wherein A' = Ln, Bi, Al, Fe, A" = Ln, Bi, B = V, Nb, Ta, Mo, W or an oxide-nitride pigment of the general formula

A₂DBO₃N₃, wherein A' = Ln, Bi, Al, Fe, D = Al, Ga, In, Ti, V, Cr, Fe, Co, Ni and B = V, Nb, Ta, Mo, W

and with means for operating the electric light source.